

Converting Colors

Yxy(42.7449, 0.3108, 0.3680)

Have a look what the booklet for
Yxy(42.7449, 0.3108, 0.3680)
contains.

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Color

Yxy(42.7910, 0.3109, 0.3679)

Conversions

Conversions Part 1	
Format	Color
Hex	9BB69B
RGB	155, 182, 155
RGB Percent	61%, 71%, 61%
CMY	0.3922, 0.2863, 0.3922
CMYK	0.15, 0.00, 0.15, 0.29
HSL	120°, 16%, 66%
HSV	120°, 15%, 71%
XYZ	36.1612, 42.7910, 37.3593
YIQ	170.8490, -7.4250, -14.1210

Conversions

Conversions Part 2

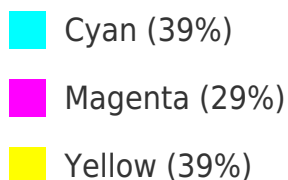
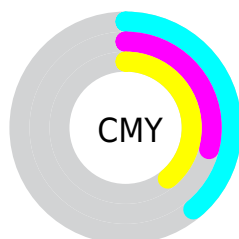
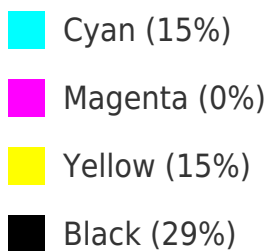
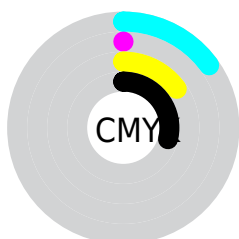
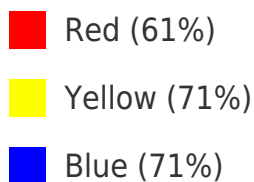
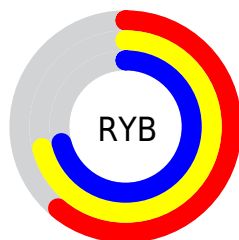
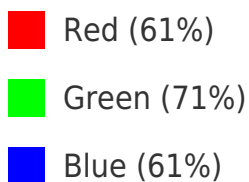
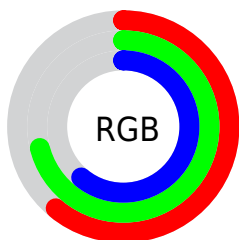
Format	Color
RYB	155, 182, 182
Decimal	10204827
CIELab	71.41, -14.48, 10.70
CIELCh	71, 18.000, 143.541
Yxy	42.7910, 0.3109, 0.3679
Android (android.graphics.Color)	4288394907 (0xFF9BB69B)
YUV	170.8490, -7.8136, -13.8996
Hunter-Lab	65.4148, -15.8014, 11.9291

Details

The Yxy color **42.7910, 0.3109, 0.3679** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.7616, 0.3144, 0.2929**, and the grayscale version is **40.6883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4542, 0.3119, 0.3609**, and **19.6430, 0.3103, 0.3796** is the 20% darker color. If you saturate the color by 10%, you get **40.5602, 0.3095, 0.3983**, and if you desaturate by 10%, it is **45.3889, 0.3122, 0.3409**.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7910, 0.3109, 0.3679 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 42.7910, 0.3109, 0.3679 by changing the saturation by 10% instead.


 42.7910, 0.3109,
0.3679

 42.7910, 0.3109,
0.3679


357.7516, 0.3121,
0.3477

 29.7212, 0.3105,
0.3732


 79.3954, 0.3114,
0.3604

 19.6270, 0.3100,
0.3802


 103.6987, 0.3115,
0.3576

 12.1242, 0.3091,
0.3897


132.5153, 0.3117,
0.3553

 6.8283, 0.3078,
0.4037

166.2296, 0.3118,
0.3533

 3.3550, 0.3052,
0.4257

205.2260, 0.3119,
0.3516

 1.3197, 0.3032,
0.4722


249.8889, 0.3119,


 0.1564, 0.0000,


0.3501


1.0000


300.6026, 0.3120,
0.3488

 0.0000, 0.0000,
0.0000


 42.7910, 0.3109,
0.3679


 42.7910, 0.3109,
0.3679


 40.5602, 0.3095,
0.3983


 45.3889, 0.3122,
0.3409


 38.6747, 0.3079,
0.4316


 48.3635, 0.3133,
0.3172


 37.1189, 0.3063,
0.4669

 51.7310, 0.3142,
0.2968

 35.8740, 0.3046,
0.5022

 55.5050, 0.3150,
0.2792

 34.9191, 0.3031,
0.5353

 59.6983, 0.3157,
0.2642

■ 34.2306, 0.3017,
0.5633

■ 61.9379, 0.3161,
0.2575

■ 33.7817, 0.3008,
0.5838

■ 33.5395, 0.3002,
0.5958

■ 33.4583, 0.3000,
0.6000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.7910, 0.3365, 0.3751



42.7910, 0.3109, 0.3679



42.7910, 0.2865, 0.3488

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42.7910, 0.3109, 0.3679



42.7910, 0.2703, 0.2891



42.7910, 0.3578, 0.3310

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



42.7910, 0.3109, 0.3679



36.7616, 0.3144, 0.2929

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



42.7910, 0.3386, 0.3100



42.7910, 0.3109, 0.3679



42.7910, 0.2880, 0.2863

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42.7910, 0.3109, 0.3679



42.7910, 0.2637, 0.3025



42.7910, 0.3129, 0.2940



42.7910, 0.3643, 0.3524

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42.7910, 0.3109, 0.3679



42.7910, 0.2741, 0.3326



42.7910, 0.3129, 0.2940



42.7910, 0.3526, 0.3237

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



42.7928, 0.3109, 0.3679



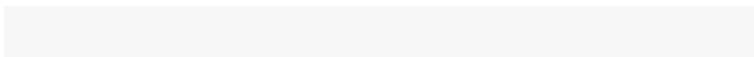
82.6777, 0.3123, 0.3389



45.5857, 0.3347, 0.3646



18.1766, 0.3122, 0.3408



93.3107, 0.3127, 0.3290



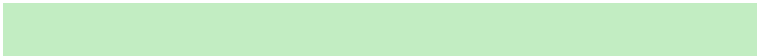
18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.7928, 0.3109, 0.3679



76.1041, 0.3104, 0.3781



43.2545, 0.3009, 0.3488



10.0603, 0.3116, 0.3526



23.6266, 0.3000, 0.6000



0.8330, 0.3001, 0.6000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36.7616, 0.3144, 0.2929



62.9407, 0.3148, 0.2844



36.2479, 0.3265, 0.3100



9.1626, 0.3138, 0.3065



9.4021, 0.3208, 0.1541



0.3315, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 42.7910, 0.3109, 0.3679 looks on a white background.

Color Contrast Check

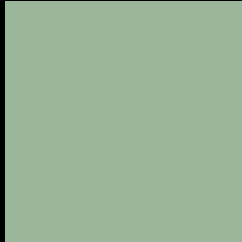
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 42.7910, 0.3109, 0.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

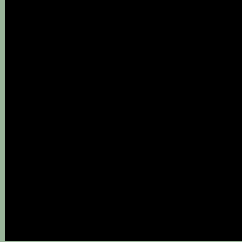
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

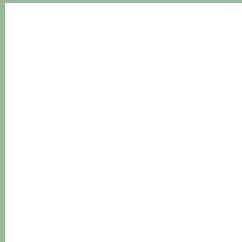
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.7910, 0.3109, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 42.7910, 0.3109, 0.3679.



This preview shows how white text looks on a background with the Yxy color 42.7910, 0.3109, 0.3679.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

42.7910, 0.3109, 0.3679

Protanopia

42.5737, 0.3405, 0.3602

Deuteranopia

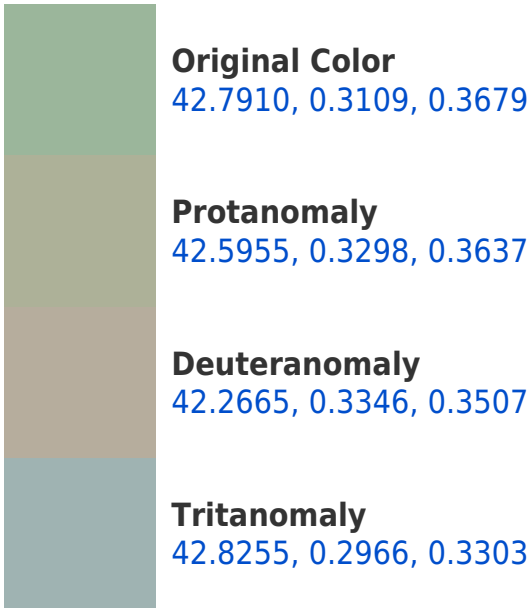
42.4797, 0.3499, 0.3420



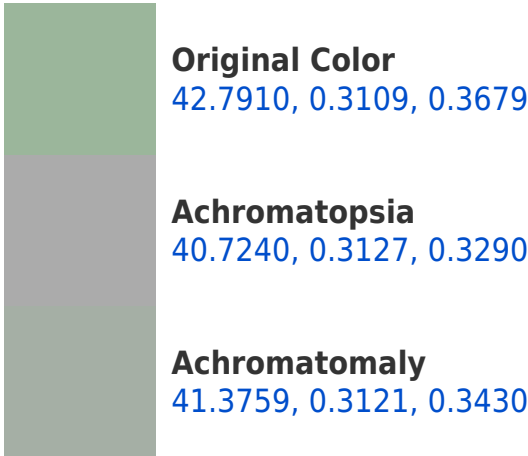
Tritanopia

42.7829, 0.2885, 0.3099

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7910, 0.3109, 0.3679 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(155, 182, 155) looks like.

```
.text, #text, p{  
    color:rgb(155, 182, 155)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(155, 182, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 182, 155) }
```

Border

The CSS property to change the border of an element to Yxy 42.7910, 0.3109, 0.3679 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 182, 155) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(155, 182, 155) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(155, 182, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 182, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 182, 155);  
box-shadow:4px 4px 4px 4px rgb(155, 182,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7910, 0.3109, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 182, 155) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(155,  
182, 155) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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